



TROPICAL CYCLONE BULLETIN NO. 02

Tropical Depression LUIS

Issued at 5:00 PM, 28 September 2022

Valid for broadcast until the next bulletin at 11:00 PM today

“LUIS” MAINTAINS ITS STRENGTH WHILE MOVING NORTH NORTHWESTWARD OVER THE PHILIPPINE SEA

Location of Center (4:00 PM)

The center of Tropical Depression “LUIS” was estimated based on all available data at **1,060 km East of Extreme Northern Luzon (22.0°N, 132.0°E)**

Intensity

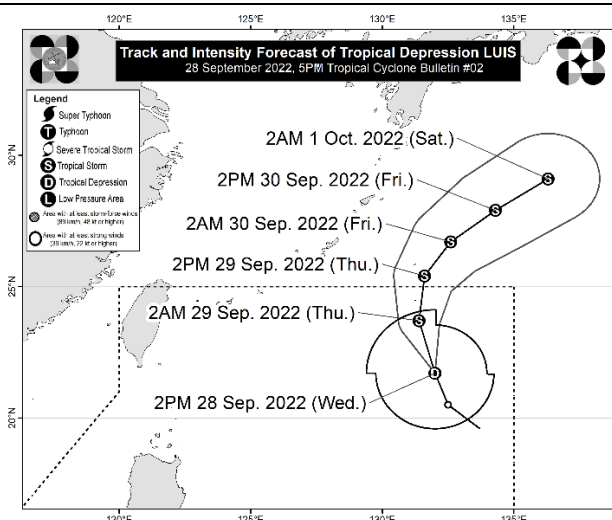
Maximum sustained winds of **55 km/h** near the center, gustiness of up to **70 km/h**, and central pressure of **1002 hPa**

Present Movement

North northwestward at 25 km/h

Extent of Tropical Cyclone Winds

Strong winds extend outwards up to **290 km** from the center



TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
12-Hour Forecast 2:00 AM 29 September 2022	23.7	131.4	1,035 km East Northeast of Extreme Northern Luzon	65	TS	NNW 20
24-Hour Forecast 2:00 PM 29 September 2022	25.4	131.6	1,125 km East Northeast of Extreme Northern Luzon (Outside the PAR)	75	TS	N 15
36-Hour Forecast 2:00 AM 30 September 2022	26.7	132.6	1,280 km East Northeast of Extreme Northern Luzon (Outside the PAR)	85	TS	NE 15
48-Hour Forecast 2:00 PM 30 September 2022	27.9	134.3	1,490 km Northeast of Extreme Northern Luzon (Outside the PAR)	85	TS	NE 20
60-Hour Forecast 2:00 AM 01 October 2022	29.1	136.3	1,725 km Northeast of Extreme Northern Luzon (Outside the PAR)	85	TS	NE 20

TROPICAL CYCLONE WIND SIGNALS IN EFFECT

No Tropical Cyclone Wind Signal is currently in effect.

Prepared by:  **SMRR**

Checked by:  **SFD**



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HAZARDS AFFECTING LAND AREAS

Heavy Rainfall

- LUIS is unlikely to directly affect the weather condition in the country within the forecast period.
- In the next 24 hours, the Southwest Monsoon and the Low Pressure Area east of Mindanao will bring rains over the western section of Southern Luzon and the eastern sections of Visayas and Mindanao. For more information, refer to **Weather Advisory #9** issued at 11:00 AM today and the **24-Hour Public Weather Forecast** issued at 4:00 PM today.

Severe Winds

The latest forecast scenario for LUIS shows that the hoisting of Tropical Cyclone Wind Signal over any land area in the country is unlikely.

HAZARDS AFFECTING COASTAL WATERS

The tropical depression remains less likely to bring rough seas over the coastal waters of the country which may result to risky conditions to mariners of small seacrafts.

TRACK AND INTENSITY OUTLOOK

- Tropical Depression LUIS is forecast to continue moving north northwestward through tomorrow early morning before turning generally northward for the rest of Thursday. On the forecast track, LUIS will exit the northern boundary of the Philippine Area of Responsibility (PAR) tomorrow morning or early afternoon. Outside the PAR region, this tropical cyclone will begin to move northeastward on Friday morning.
- LUIS is forecast to intensify into a tropical storm tonight or tomorrow morning. Further intensification is likely while moving over the sea east of Ryukyu Islands.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 11:00 PM today.

DOST-PAGASA

Prepared by:  SMRR

Checked by:  SFD